



## 1. Power BI Desktop Data

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Exercise 1: Import Data from Access Database

### Exercise 1: Import Data from Access Database

VanArsdel's US office stores the sales data on an Access database. You will need to perform analysis on that data, but before you can do so, you need to import the data to Power BI Desktop and perform some transformations.

**IMPORTANT!** Before you start, if your locale settings is not English (United States), you might want to change this, since the data you will import is based on this locale. This is covered in "[Changing Locale](#)".

1. Download the VanArsdel's [Access database](#). Extract the file to "C:\DAT207x". You can use other folders, but if you are going to use the starter file provided at each lab instead of your own file, then it is recommended to use the absolute path given above in order to successfully perform the schedule refresh in Lab 4.

**NOTE:** If you are having issues with the direct link, head over to the github repository and download from there. <https://github.com/MicrosoftLearning/Analyzing-Visualizing-Data-PowerBI>

2. Start with a blank Power BI Desktop file.
3. Connect to the Access database by using **Get Data** and select the Access database file.
4. Select the following tables to be imported: **bi\_date**, **bi\_geo**, **bi\_manufacturer**, **bi\_product**, and **bi\_salesFact**.
5. Edit the query before loading to the data model.
6. Filter the rows on the **bi\_salesFact** query to include dates from January 1st, 2000. (Hint: Apply a **Date filter** in the **Date** column to import dates after December 31st, 1999. Before you can apply a date filter, you need to change the **Date** column's **Data Type** to **Date**).

7. Filter the rows on the **bi\_date** query to include dates from January 1st, 2000. (Hint: Apply a **Date filter** in the **Date** column to import dates after December 31st, 1999. Before you can apply a date filter, you need to change the **Date** column's **Data Type** to **Date**).
  8. Rename the queries as follows:
    - bi\_date: **Date**
    - bi\_geo: **Locations**
    - bi\_manufacturer: **Manufacturers**
    - bi\_product: **Products**
    - bi\_salesFact: **Sales**
  9. Load the data into Power BI Desktop. This might take a few minutes.
  10. Explore the imported data in the **Data** View.
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## Lab Questions

5/5 points (graded)

Answer the following question by reviewing the imported data in Power BI Desktop. (Hint: Use the Data view).

How many rows were imported from the Date query?



5844

How many rows were imported from the Locations query?



99618

How many rows were imported from the Manufacturer query?



14

How many rows were imported from the Products query?

2412



2412

How many rows were imported from the Sales table?

9985368



9985368

Submit

You have used 2 of 2 attempts